

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2005/000106

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A63B 21/065

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A63B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5144694 A (CONRAD DA OUD ET AL), 8 Sept 1992 (08.09.1992) --	1-4
Y	US 4658442 A (TOMLINSON ET AL), 21 April 1987 (21.04.1987) --	1-4
Y	SE 9902132 L (JOHAN BYSTRÖM), 8 December 2000 (08.12.2000) --	3
A	US 5553322 A (CEBO-JOHANSON), 10 Sept 1996 (10.09.1996) --	1-4

☒ Further documents are listed in the continuation of Box C.
☒ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 27 May 2005	Date of mailing of the international search report 09-06-2005
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Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. +46 8 666 02 86	Authorized officer Christer Bäcknert / JA A Telephone No. +46 8 782 25 00
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6047405 A (WILKINSON), 11 April 2000 (11.04.2000) --	1-4
A	US 5555562 A (HOLT ET AL), 17 Sept 1996 (17.09.1996) -- -----	1-4

INTERNATIONAL SEARCH REPORT

Information on patent family members

30/04/2005

International application No.

PCT/FI 2005/000106

US	5144694	A	08/09/1992	NONE		
US	4658442	A	21/04/1987	NONE		
SE	9902132	L	08/12/2000	NONE		
US	5553322	A	10/09/1996	AT	164527 T	15/04/1998
				AU	676176 B	06/03/1997
				AU	4509493 A	31/01/1994
				CA	2139439 A	20/01/1994
				DE	69317780 D,T	22/10/1998
				EP	0649329 A,B	26/04/1995
				GB	9214225 D	00/00/0000
				JP	8500262 T	16/01/1996
				WO	9401183 A	20/01/1994
				GB	2263533 A	28/07/1993
				GB	9301403 D	00/00/0000
US	6047405	A	11/04/2000	US	5875491 A	02/03/1999
				US	6231488 B	15/05/2001
				AU	720241 B	25/05/2000
				AU	4246697 A	14/04/1998
				BR	9711496 A	24/08/1999
				CA	2265493 A	26/03/1998
				EP	0926959 A	07/07/1999
				JP	2002515791 T	28/05/2002
				US	5720042 A	24/02/1998
				WO	9811792 A	26/03/1998
US	5555562	A	17/09/1996	US	5784716 A	28/07/1998